

PRIORITY

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2008 SEP 68 00 01Z

P 272335Z SEP 68  
FM NPIC WASHDC  
TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB  
RUCSAAA/544TH ARTW OFFUTT AFB OMAHA NEB  
RUCLFGA/100TH SRW OL 19 MCCOY AFB FLA  
RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ  
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD  
RUEAIIA/CIA WASH DC  
RUEOJFA/DIA  
RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF  
RUEFHQA/HQS USAF  
BT

S E C R E T CITE NPIC 4675.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI. DO; 100TH SRW FOR  
CO, DCOI; HQ USAF FOR AFRDR; DIA FOR DIAXX-2.  
FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJ: EVALUATION OF "B" TEST MISSION NUMBER 2.

1. QUALITY SUMMARY: THE OVERALL IMAGE QUALITY IS GENERALLY  
GOOD; HOWEVER, AT THE BEGINNING OF THE MISSION (APPROXIMATELY  
FIRST 900 FRAMES) THE QUALITY VARIES FROM FRAME TO FRAME AND

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EACH FRAME. THIS DEGRADATION IS SUSPECTED TO BE THE RESULT OF  
CONDENSATION BUILD-UP ON THE WINDOWS. AS THE MISSION PROGRESSES  
SIGNIFICANT IMAGE QUALITY IMPROVEMENT IS APPARENT AND BY THE  
THE MISSION THE IMAGE QUALITY IS CONSISTENTLY GOOD. THE GROUND  
RESOLUTION AND INTERPRETATION SUITABILITY ARE GOOD AND BETTER THAN PGM  
ANY "B" CAMERA MISSION RECEIVED FROM THE GLASS LAMP PROGRAM IN THE  
PAST FIVE MONTHS. THE EXACT REASON FOR THIS IMPROVEMENT IN IMAGE  
QUALITY CANNOT BE DETERMINED; HOWEVER, IT IS SUSPECTED THAT THE  
RECENTLY RECONDITIONED B10 CAMERA UNIT USED FOR THIS MISSION IS THE  
MAJOR CONTRIBUTING FACTOR. CLOUD COVER AND HAZE OBSCURE APPROXIMATE  
20 PERCENT OF THE ENTIRE MISSION.

## 2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER  
10, WAS USED IN TEST NUMBER 2, FLOWN ON 19 SEPTEMBER 1968.  
MODE V WAS USED THROUGHOUT THE MISSION. THIS MISSION WAS  
FLOWN IN VEHICLE NUMBER 6700 USING THE OLD CAMERA MOUNTS.

B. FILM TYPE 3400 WAS USED WITH A CAMERA EXPOSURE SETTING  
OF 1/250. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

## 3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE MATERIAL APPEARS SLIGHTLY UNDEREXPOSED

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AT THE BEGINNING OF THE MISSION AND SLIGHTLY OVEREXPOSED AT THE  
END OF THE MISSION.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM; HOWEVER, THE  
LATTER PART OF THE MISSION IS MORE DENSE AND OF HIGHER CONTRAST.

## C. IMAGED DEGRADATIONS:

(1) 9R SIDE: A MINUS DENSITY ARC, 1.0 INCH LONG AND  
0/25 INCH WIDE IS IMAGED NEAR THE DATA CHAMBER ON ALL  
FRAMES OF THE MISSION.

(2) 9L SIDE: NONE PRESENT.

(3) BOTH SIDES: THERE ARE PLUS DENSITY LINES  
PARALLEL TO BOTH FILM EDGES, APPROXIMATELY 0.26 INCH

DISTRIBUTION		
CY	OFFICE	PT
1	FILM	
2	CABLE SEC.	
	PPAS/ED 25X1	
	SECUR.	
3	TSSG / 700	
	THE PSC/OC	
	WITHINRD	
	REPRO	
	AID	
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	PROD	
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	A WEST	
	END OF EAST	
	M&S	
	IN THE AS	
	DIA-XX4	
	SPAD	
	DIA-AP	
	25X1	
	CMK	

ADVANCE CY  
SANITIZED  
WITH TEXT

SECRET

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FROM THE FORMAT EDGE, IN ALL FRAMES. THE INBOARD AND OUTBOARD EDGES CONTAIN PLUS DENSITY AREAS ASSOCIATED WITH ROLLER CHATTER. EDGE FOG IS PRESENT ALONG THE OUTBOARD EDGES.

D. PHYSICAL DEGRADATIONS:

(1) A MANUFACTURER'S SPLICE IS PRESENT BETWEEN FRAMES 580/581; A HEAT SPLICE IS PRESENT BETWEEN FRAMES 1155/1156. EMULSION SCRATCHES SPACED 6.5 INCHES APART, 0.5 INCH FROM THE INBOARD EDGE ARE PRESENT FROM FRAME

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587 THRU FRAME 1135.

(2) 9L SIDE: AN EMULSION SCRATCH IS PRESENT IN FRAME 615. FRAMES 611 AND 1177 CONTAIN HEAT SPLICES.

E. AUXILIARY DATA: ALL DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.

F. THE LAST TITLED FRAME ON BOTH SIDES IS 2429.

4. POSITIVES:

A. THE PRINTING AND PROCESSING WERE GOOD.

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S E C R E T

END OF MESSAGE